

Title (en)

Silica gel containing rubber compounds with organic siliciumcompounds as compounding agent

Title (de)

Kieselgelhaltige Kautschukcompounds mit Organosilciumverbindungen als Compoundiermittel

Title (fr)

Composés de caoutchouc contenant du gel de silice avec composés de silice organiques comme agent de mélange

Publication

EP 1188780 A1 20020320 (DE)

Application

EP 01120633 A 20010830

Priority

DE 10045166 A 20000913

Abstract (en)

[origin: CA2357103A1] The invention concerns new organic silicon networks, their production processes and use in silica-containing rubber compounds and vulcanisates manufactured from them.

Abstract (de)

Die Erfindung betrifft neue organische Siliciumnetzwerke, deren Herstellverfahren und Verwendung in kieselsäurehaltigen Kautschukmischungen und hieraus hergestellte Vulkanisate.

IPC 1-7

C08G 18/36; **C08L 21/00**; **C08J 3/24**; **C08G 18/87**; **C08G 18/28**

IPC 8 full level

B29B 11/14 (2006.01); **C07F 7/08** (2006.01); **C08G 18/28** (2006.01); **C08G 18/36** (2006.01); **C08G 18/87** (2006.01); **C08G 63/91** (2006.01); **C08L 21/00** (2006.01); **C08L 67/04** (2006.01); **B29K 21/00** (2006.01); **B29K 105/24** (2006.01)

CPC (source: EP KR US)

C07F 7/08 (2013.01 - KR); **C08G 18/289** (2013.01 - EP US); **C08G 18/36** (2013.01 - EP US); **C08G 18/87** (2013.01 - EP US); **C08L 9/06** (2013.01 - EP US); **C08L 21/00** (2013.01 - EP US)

Citation (search report)

- [A] US 3015636 A 19620102 - ELMER OTTO C
- [A] DE 863403 C 19530119 - BAYER AG
- [A] US 4278587 A 19810714 - WOLFF SIEGFRIED, et al
- [A] DE 2319160 A1 19741031 - MEINKE ALFRED

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DOCDB simple family (publication)

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EP 01120633 A 20010830; BR 0104003 A 20010912; CA 2357103 A 20010910; DE 10045166 A 20000913; DE 50107472 T 20010830; JP 2001278574 A 20010913; KR 20010056131 A 20010912; US 95104101 A 20010912